Mountain Weather Forecast

Peak District National Park

Forecast valid from 00:00 on Tuesday 21 Sep 2021 until 23:59 on Wednesday 22 Sep 2021

Forecast Issued on Monday 20 Sep 2021 at 15:30

Confidence: High for a fine, bright day on Tuesday and for increasingly breezy conditions through the rest of the week. There is uncertainty over the extent of low cloud and associated poor visibility from Thursday.

Headline for Tuesday 21 Sep 2021: Dry and bright with some sunshine.

Mountain weather hazards on Tuesday 21 Sep 2021

Blizzards No Likelihood	**Heavy Snow** No Likelihood	**Storm force winds** No Likelihood
Gales No Likelihood	**Severe chill effect** No Likelihood	**Poor visibility** No Likelihood
Thunderstorms No Likelihood	**Heavy persistent rain** No Likelihood	**Strong sunlight** Low Likelihood

Weather and chance of precipitation at 600m							
Time							
00:00	03:00	06:00	09:00	12:00	15:00	18:00	21:00
Cloudy	Mist	Mist	Cloudy	Sunny intervals	Sunny intervals	Sunny	Partly cloudy (night)
Precipitation probability							
10%	10%	10%	00%	00%	00%	00%	00%

Forecast for Tuesday 21 Sep 2021

Weather: Areas of hill fog will develop through the early hours with some patchy drizzle possible. These will lift quickly through morning leaving only high cloud and hazy sunshine, this becoming stronger through afternoon. The evening will bring a mixture of clear spells as well as some patchy low cloud developing across the west.

Chance of cloud free mountain/hill tops above 600m: 60% early and late, otherwise 100%.

Visibility: Patches of hill fog may cling to slopes above around 500m in the west through early morning and late evening, but away from these, very good visibility is expected with some far reaching views.

Check our weather forecast every day to get the most accurate and up to date information
http://www.metoffice.gov.uk/public/weather/mountain-forecast
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Forecast for Tuesday 21 Sep 2021

Height (m)	Wind Speed mean/gusts (mph)					Wind Direction (blowing from)			
	00:00	03:00	06:00	09:00	12:00	15:00	18:00	21:00	00:00
600	9/14 W	9/12 SW	9/13 SW	10/15 W	12/17 W	14/20 W	12/18 W	13/19 SW	16/23 SW
300	6/9 SW	5/9 SW	7/10 SW	8/11 W	9/13 W	11/16 W	7/13 W	7/10 SW	9/15 SW
Valley	1/7 SW	2/7 S	3/8 SW	5/9 W	7/13 W	9/17 W	5/13 W	4/11 W	5/14 SW

Height (m)	Temperature / Feels Like (°C)								
	00:00	03:00	06:00	09:00	12:00	15:00	18:00	21:00	00:00
600	10/7	10/8	11/9	11/9	13/10	14/11	12/10	10/8	10/7
300	12/10	12/11	12/11	13/12	15/14	16/14	15/14	13/12	12/11
Valley	12/12	12/12	12/12	14/14	16/15	17/16	15/14	13/12	12/11
Freezing Level*	2400m	2500m	2200m	2900m	2900m	2700m	2600m	2500m	2600m

**Level above which ground is expected to be frozen/snow is expected to settle.*

Meteorologist's View

Excellent conditions in the hills after early low cloud lifts.

Recent rainfall: measured at Cat & Fiddle: altitude 511m

Recorded at	Last 24 hours:	Last 48 hours:	Last 72 hours:
14:00 on Mon 20 Sep 2021	0.6mm	2.6mm	2.6mm

Forecast for Wednesday 22 Sep 2021

Weather: The main feature of the day will be the blustery westerly winds. Otherwise, the bulk of the day with be dry with bright or sunny spells. Cloud will thicken through evening bringing some rain by midnight.

Maximum wind: West 20-25mph gusting 35mph.

Chance of cloud free mountain/hill tops above 600m: 50% soon rising 95%.

Visibility: A few areas of cloud above around 400m initially will lift and break to leave very good visibility through much of the day, perhaps becoming hazy through afternoon.

Temperature: **Valleys:** Plus 12 Celsius rising to 19 Celsius.
At 600m: Around plus 12 Celsius.
Freezing level: Well above summits.

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